

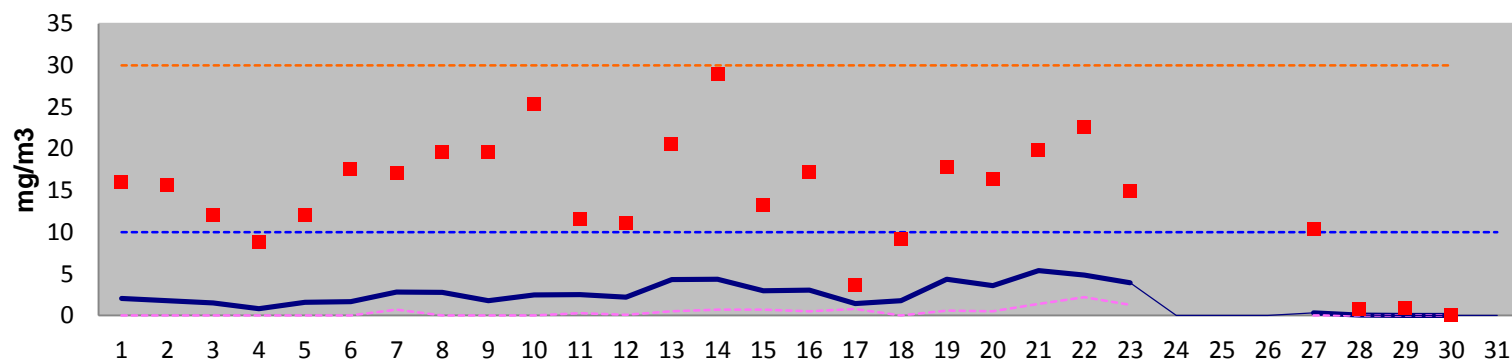
Permit Reference no: WP3836ZF
Operator: Tradebe Healthcare National Limited
Installation: Wrexham Clinical Waste Incinerator

Variation Reference Number: EPR/MP3239FQ/V002
Form Number : Agency Form / A2/ Form Dated 20 October 2011

Reporting of Continuously Monitored Emissions to Air for Particulates from Emission Point A1 for the month of November 2019

Daily and Half Hourly Average Monitoring Data

- Daily average ELV
- Half-hour average ELV
- Mean half hour average
- Maximum half hour average
- Minimum half hourly average
- Daily average



Monthly summary			Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
			Half-hour average ELV	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
Half-hourly average	Monthly maximum	29.0	Maximum half hour average	16	15.6	12	8.8	12	17.6	17.1	19.6	19.6	25.3	11.6	11.1	20.5	29	13.3	17.2	3.6	9.2	17.8	16.4	19.8	22.6	14.9				10.4	0.8	0.9	0	
	Monthly mean	2.4	Mean half hour average	2.07	1.77	1.5	0.83	1.61	1.67	2.83	2.79	1.79	2.48	2.53	2.22	4.3	4.36	2.97	3.04	1.43	1.8	4.36	3.57	5.38	4.87	3.95				0.33	0.04	0.03	0	
	Monthly minimum	0.0	Minimum half hourly average	0	0	0	0	0	0	0.7	0	0	0	0.3	0.1	0.5	0.7	0.7	0.5	0.8	0	0.6	0.5	1.4	2.2	1.3				0	0	0	0	
	Total invalid results	0.0	No. of invalid results	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sum of exceedances	0.0	No. of exceedances of ELV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily average			Daily average ELV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Monthly maximum	5.4	Daily average	2.07	1.77	1.5	0.83	1.61	1.67	2.83	2.79	1.79	2.48	2.53	2.22	4.3	4.36	2.97	3.04	1.43	1.8	4.36	3.57	5.38	4.87	3.95	0	0	0	0.33	0.04	0.03	0	0
	No. of invalid days	3.0	Value valid	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y
	Sum of exceedances	0.0	Value exceeds ELV (Y/N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

(authorised to sign as representative of the Operator)

24th -27th Shutdown

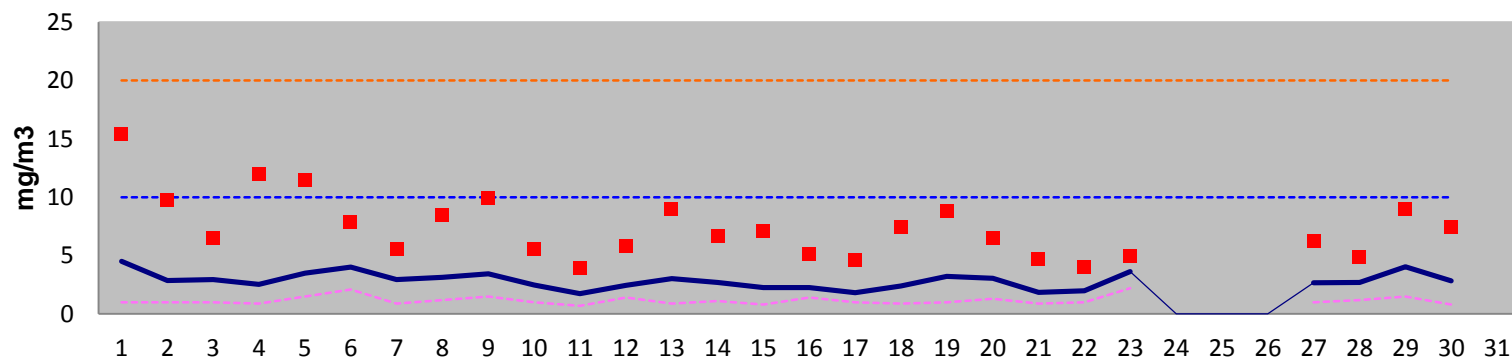
Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

Variation Reference Number: EPR/MP3239FQ/V002
 Form Number : Agency Form / A4/ Form Dated 20 October 2011

Reporting of Continuously Monitored Emissions to Air for VOC from Emission Point A1 for the month of November 2019

Daily and Half Hourly Average Monitoring Data

- Daily average ELV
- Half-hour average ELV
- Mean half hour average
- Maximum half hour average
- Minimum half hourly average
- Daily average



	Monthly summary		Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
			Half-hour average ELV	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
Half-hourly average	Monthly maximum	15.4	Maximum half hour average	15.4	9.8	6.5	12	11.5	7.9	5.5	8.5	9.9	5.5	3.9	5.8	9	6.7	7.1	5.1	4.6	7.4	8.8	6.5	4.7	4	5				6.2	4.9	9	7.4	
	Monthly mean	2.9	Mean half hour average	4.5	2.87	2.94	2.53	3.5	4.01	2.95	3.14	3.44	2.47	1.75	2.44	3.02	2.69	2.25	2.26	1.82	2.39	3.22	3.05	1.85	1.99	3.62				2.68	2.69	4.04	2.84	
	Monthly minimum	0.7	Minimum half hourly average	1	1	1	0.9	1.5	2.1	0.9	1.2	1.5	1	0.7	1.4	0.9	1.1	0.8	1.4	1	0.9	1	1.3	0.9	1	2.2				1	1.2	1.5	0.8	
	Total invalid results	0.0	No. of invalid results	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Sum of exceedances	0.0	No. of exceedances of ELV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Daily average			Daily average ELV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	Monthly maximum	4.5	Daily average	4.5	2.87	2.94	2.53	3.5	4.01	2.95	3.14	3.44	2.47	1.75	2.44	3.02	2.69	2.25	2.26	1.82	2.39	3.22	3.05	1.85	1.99	3.62	0	0	0	2.68	2.69	4.04	2.84	
	No. of invalid days	3.0	Value valid	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	
	Sum of exceedances	0.0	Value exceeds ELV (Y/N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Signed..... Date.....

(authorised to sign as representative of the Operator)

Permit Reference no: WP3836ZF

Operator: Tradebe Healthcare National Limited

Installation: Wrexham Clinical Waste Incinerator

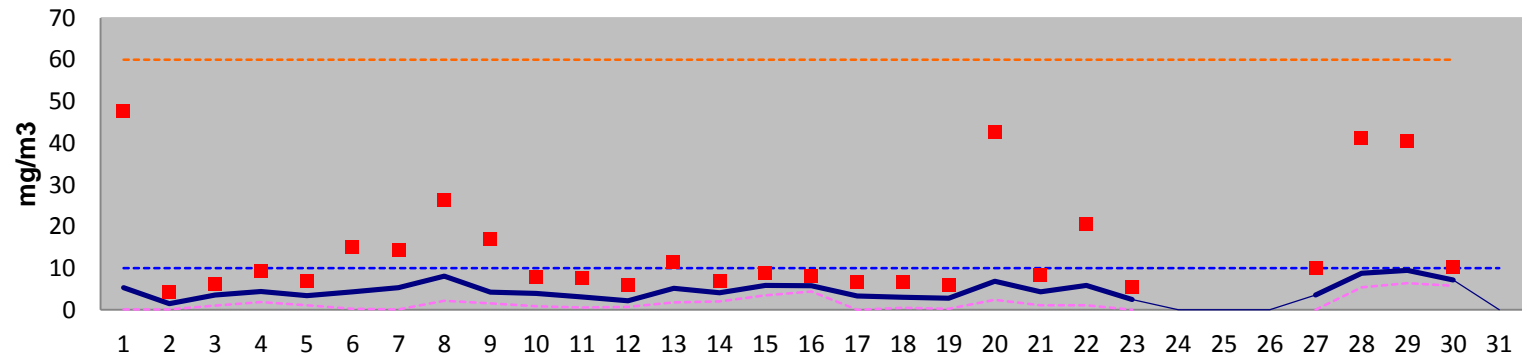
Variation Reference Number: EPR/MP3239FQ/V002

Form Number : Agency Form / A3/ Form Dated 20 October 2011

Reporting of Continuously Monitored Emissions to Air for Hydrogen Chloride from Emission Point A1 for the month of November 2019

Daily and Half Hourly Average Monitoring Data

- Daily average ELV
- Half-hour average ELV
- Mean half hour average
- Maximum half hour average
- Minimum half hourly average
- Daily average



	Monthly summary		Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
			Half-hour average ELV	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
Half-hourly average	Monthly maximum	47.6	Maximum half hour average	47.6	4.4	6.3	9.2	6.9	15.1	14.4	26.4	16.9	7.9	7.7	5.9	11.5	6.8	8.9	8	6.6	6.7	5.8	42.7	8.3	20.5	5.4				9.9	41.3	40.4	10.3	
	Monthly mean	4.8	Mean half hour average	5.33	1.5	3.58	4.41	3.42	4.33	5.33	8.13	4.27	3.93	3.11	2.18	5.19	4.13	5.89	5.79	3.3	3.01	2.79	6.9	4.34	5.9	2.52				3.53	8.79	9.51	7.21	
	Monthly minimum	0.0	Minimum half hourly average	0.1	0.1	1	1.9	1.1	0.3	0.1	2.2	1.6	0.9	0.6	0.7	1.8	2	3.5	4.4	0	0.5	0.3	2.4	1.1	1.1	0				0	5.4	6.4	5.8	
	Total invalid results	0.0	No. of invalid results	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sum of exceedances	0.0	No. of exceedances of ELV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily average			Daily average ELV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Monthly maximum	9.5	Daily average	5.33	1.5	3.58	4.41	3.42	4.33	5.33	8.13	4.27	3.93	3.11	2.18	5.19	4.13	5.89	5.79	3.3	3.01	2.79	6.9	4.34	5.9	2.52	0	0	0	3.53	8.79	9.51	7.21	0
	No. of invalid days	3.0	Value valid	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y
	Sum of exceedances	0.0	Value exceeds ELV (Y/N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Signed..... Date.....

(authorised to sign as representative of the Operator)

Permit Reference no: WP3836ZF

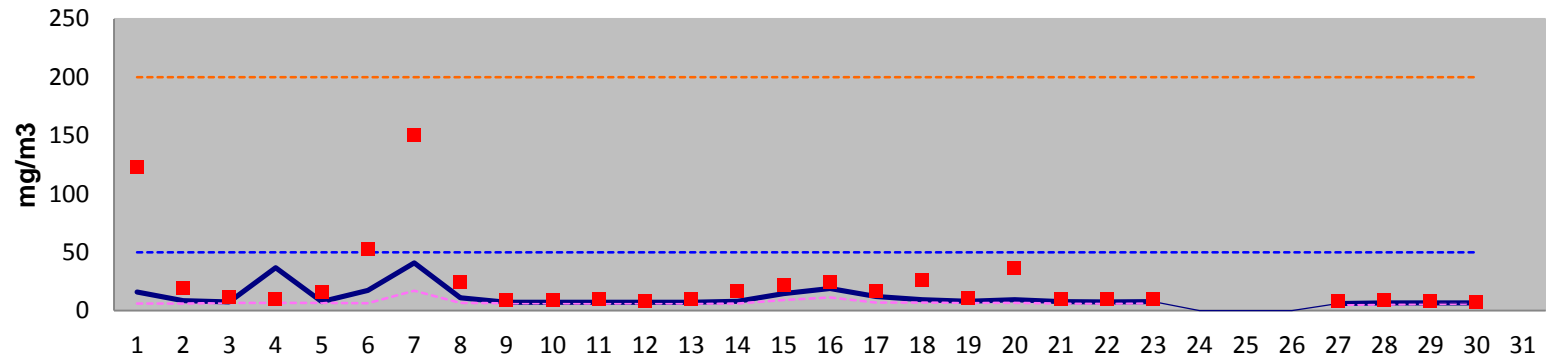
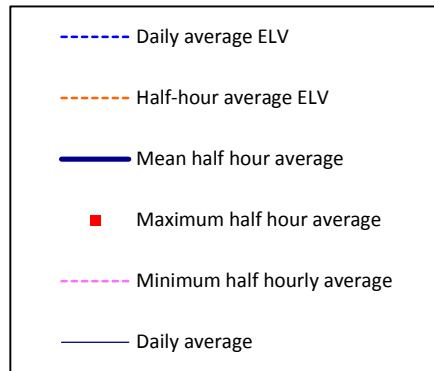
Operator: Tradebe Healthcare National Limited
Installation: Wrexham Clinical Waste Incinerator

Variation Reference Number: EPR/MP3239FQ/V002

Form Number : Agency Form / A6/ Form Dated 20 October 2011

Reporting of Continuously Monitored Emissions to Air for Sulphur Dioxide from Emission Point A1 for the month of November 2019

Daily and Half Hourly Average Monitoring Data



	Monthly summary		Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
			Half-hour average ELV	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	
Half-hourly average	Monthly maximum	150.3	Maximum half hour average	123	19.6	12.1	9.75	15.5	52.4	150	24.3	9	8.9	9.8	8	10.1	16.9	21.7	24	16.9	26.3	10.9	36.4	10	9.9	9.6				8.6	9	8.4	7.6	
	Monthly mean	11.6	Mean half hour average	16	8.67	7.46	37	7.87	17.5	41.1	11	7.23	7.33	7.34	7.27	7.14	8.02	14.8	19.1	12.1	9.59	8.04	9.36	7.75	7.55	7.7				6.15	6.66	6.84	6.79	
	Monthly minimum	5.2	Minimum half hourly average	6.3	6.3	6.6	6.6	6.7	6.4	17.2	6.6	6.5	6.5	6.1	6.5	6.2	6.2	9.3	11.3	6.9	7	6.8	6.8	6.2	6.2	6.5				5.2	5.3	6	6.3	
	Total invalid results	0.0	No. of invalid results	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Sum of exceedances	0.0	No. of exceedances of ELV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily average			Daily average ELV	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	
	Monthly maximum	41.1	Daily average	16	8.67	7.46	37	7.87	17.5	41.1	11	7.23	7.33	7.34	7.27	7.14	8.02	14.8	19.1	12.1	9.59	8.04	9.36	7.75	7.55	7.7	0	0	0	6.15	6.66	6.84	6.79	
	No. of invalid days	3.0	Value valid	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	
	Sum of exceedances	0.0	Value exceeds ELV (Y/N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Signed..... Date.....

(authorised to sign as representative of the Operator)

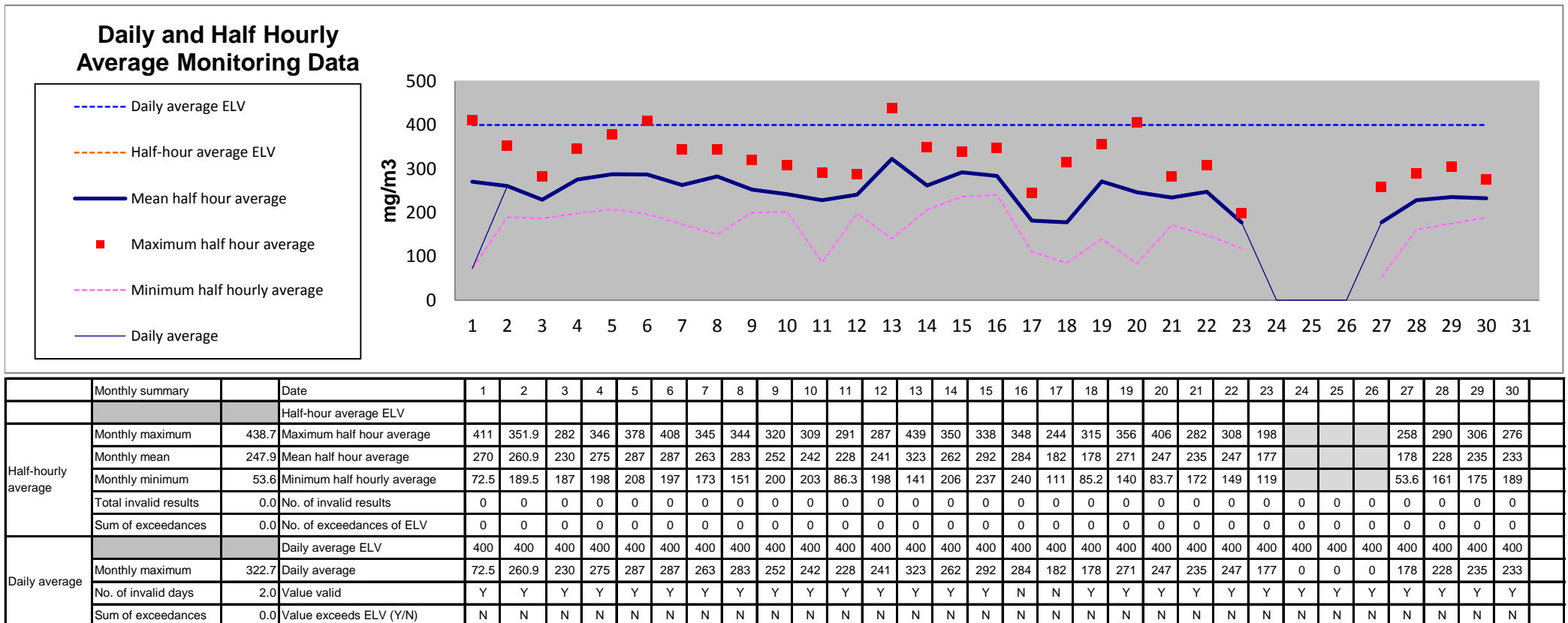
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Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

Variation Reference Number: EPR/MP3239FQ/V002
 Form Number : Agency Form / A7/ Form Dated 20 October 2011

Reporting of Continuously Monitored Emissions to Air for Oxides of Nitrogen from Emission Point A1 for the month of November 2019



Signed..... Date.....

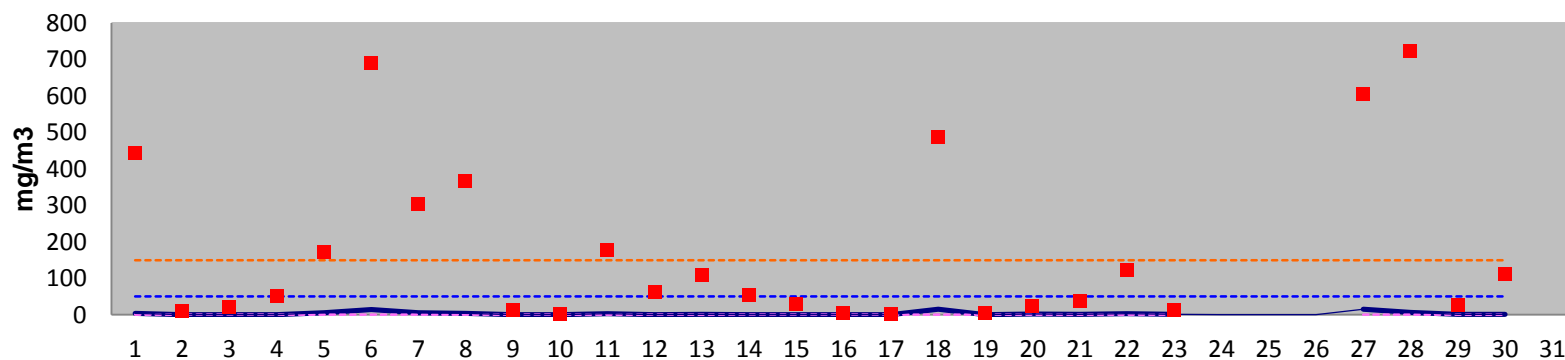
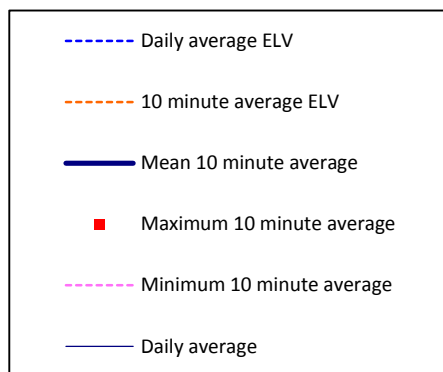
(authorised to sign as representative of the Operator)

Permit Reference no: WP3836ZF
 Operator: Tradebe Healthcare National Limited
 Installation: Wrexham Clinical Waste Incinerator

Variation Reference Number: EPR/MP3239FQ/V002
 Form Number : Agency Form / A5/ Form Dated 20 October 2011

Reporting of Continuously Monitored Emissions to Air for Carbon Monoxide from Emission Point A1 for the month of November 2019

Daily and 10 minute Average Monitoring Data



	Monthly summary		Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
			10 minute average ELV	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	
10 minute average	Monthly maximum	724.0	Maximum 10 minute average	442	10.6	21.6	51.1	173	690	303	367	13.5	0.8	178	61.3	109	55.1	27.8	4.2	1.8	487	3.4	24.9	37.6	123.3	12.1				604	724	25.6	112.7		
	Monthly mean	3.4	Mean 10 minute average	4	0.37	0.57	0.84	5.42	14.7	5.87	3.8	0.65	0.24	2.86	0.65	1.09	0.79	0.49	0.45	0.77	15.4	0.41	2.05	1.26	3.48	1.43				15.3	6.35	1.16	1.36		
	Monthly minimum	0.0	Minimum 10 minute average	0.1	0	0	0	0	0.1	0	0	0.1	0	0	0	0	0	0	0.1	0	0.2	0	0	0.1	0.2	0.2				0.4	0.2	0.1	0		
	Total invalid results	0.0	No. of invalid results	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Sum of exceedances	15.0	No. of exceedances of ELV	1	0	0	0	2	4	2	1	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	2	0	0	0	0
Daily average			Daily average ELV	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	
	Monthly maximum	15.4	Daily average	4	0.37	0.57	0.84	5.42	14.7	5.87	3.8	0.65	0.24	2.86	0.65	1.09	0.79	0.49	0.45	0.77	15.4	0.41	2.05	1.26	3.48	1.43	0	0	0	15.3	6.35	1.16	1.36		
	No. of invalid days	3.0	Value valid	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	
	Sum of exceedances	0.0	Value exceeds ELV (Y/N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Signed..... Date.....

(authorised to sign as representative of the Operator)

